


FIG 2

200



S <sub>3</sub>	S <sub>2</sub>	S <sub>1</sub>	S <sub>0</sub>	y <sub>T</sub>
0	0	0	0	1
0	0	0	1	[OR]
0	0	1	0	$a_0 \vee \bar{a}_1$
0	0	1	1	$a_0$
0	1	0	0	$\bar{a}_0 \vee a_1$
0	1	0	1	$a_1$
0	1	1	0	[XNOR]
0	1	1	1	[AND]
1	0	0	0	[NAND]
1	0	0	1	[XOR]
1	0	1	0	$\bar{a}_1$
1	0	1	1	$a_0 \wedge \bar{a}_1$
1	1	0	0	$\bar{a}_0$
1	1	0	1	$\bar{a}_0 \wedge a_1$
1	1	1	0	[NOR]
1	1	1	1	0

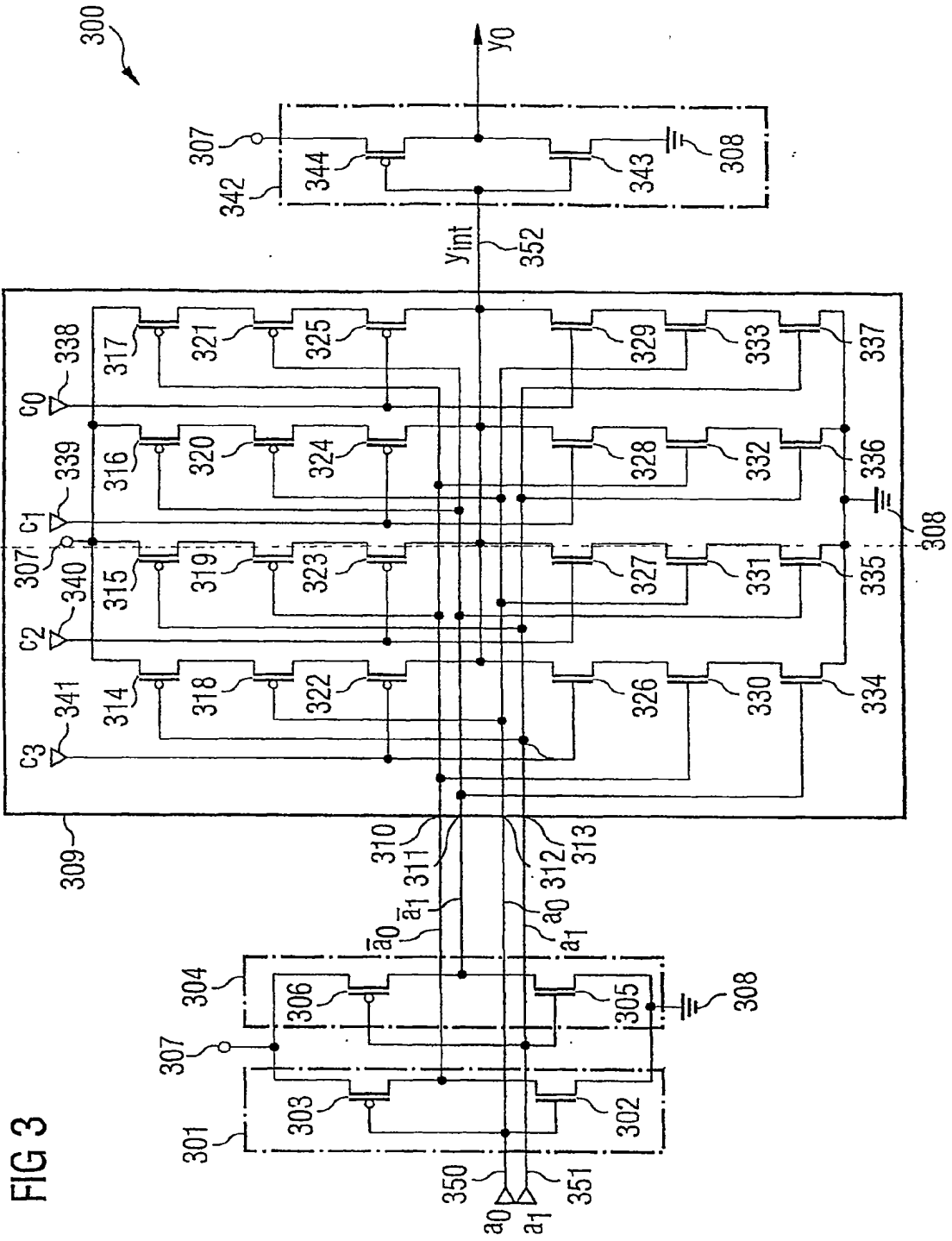


FIG 3

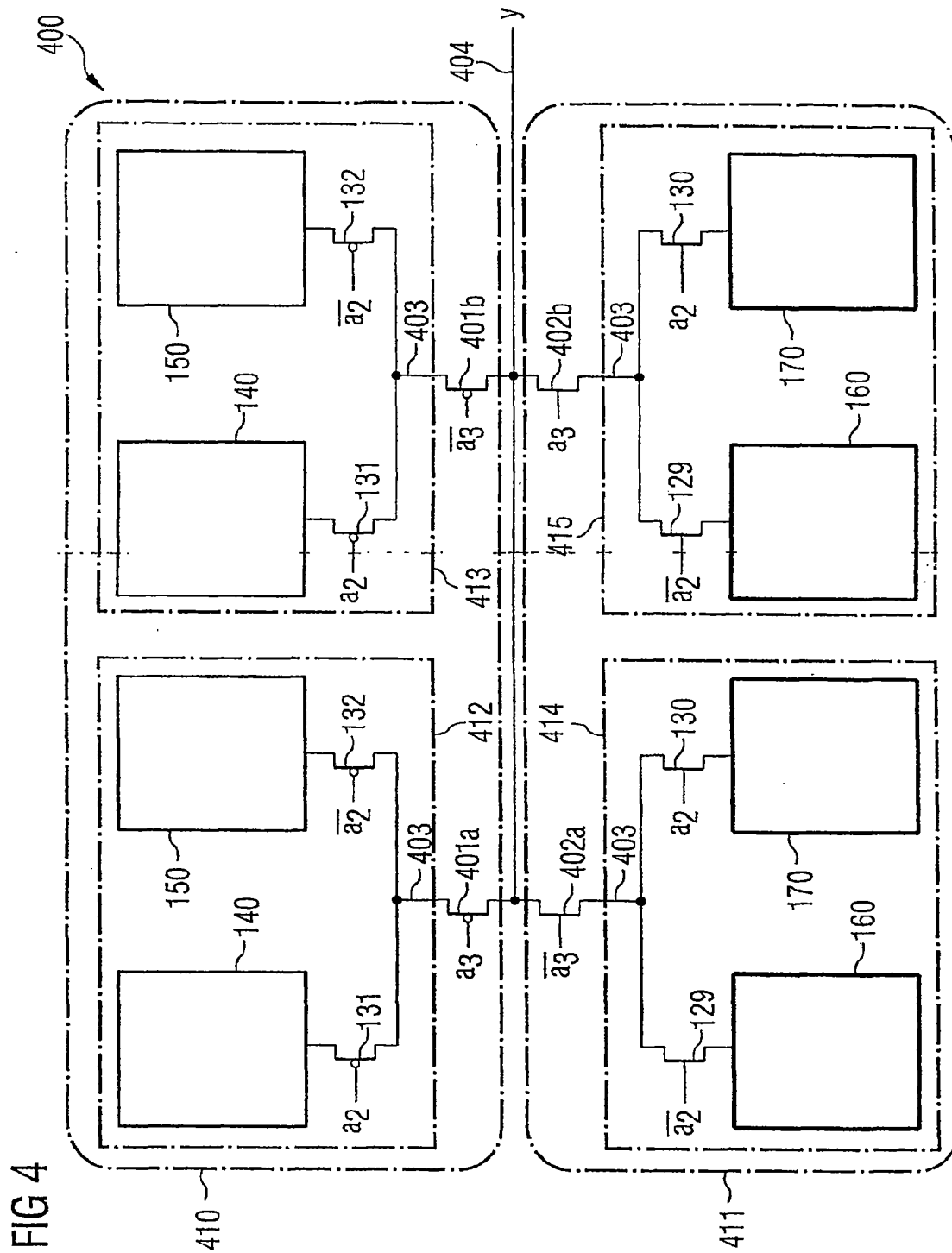


FIG 5

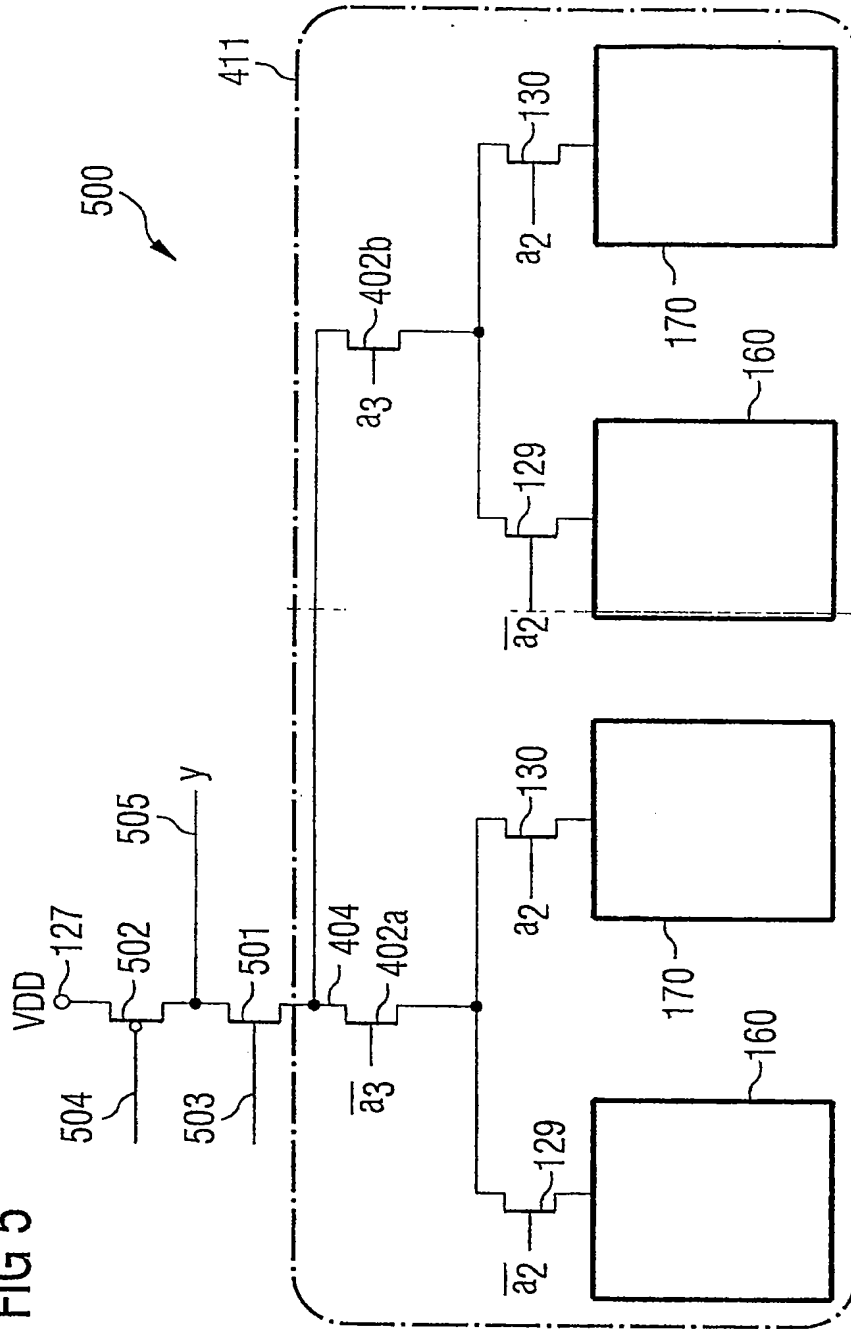


FIG 6A

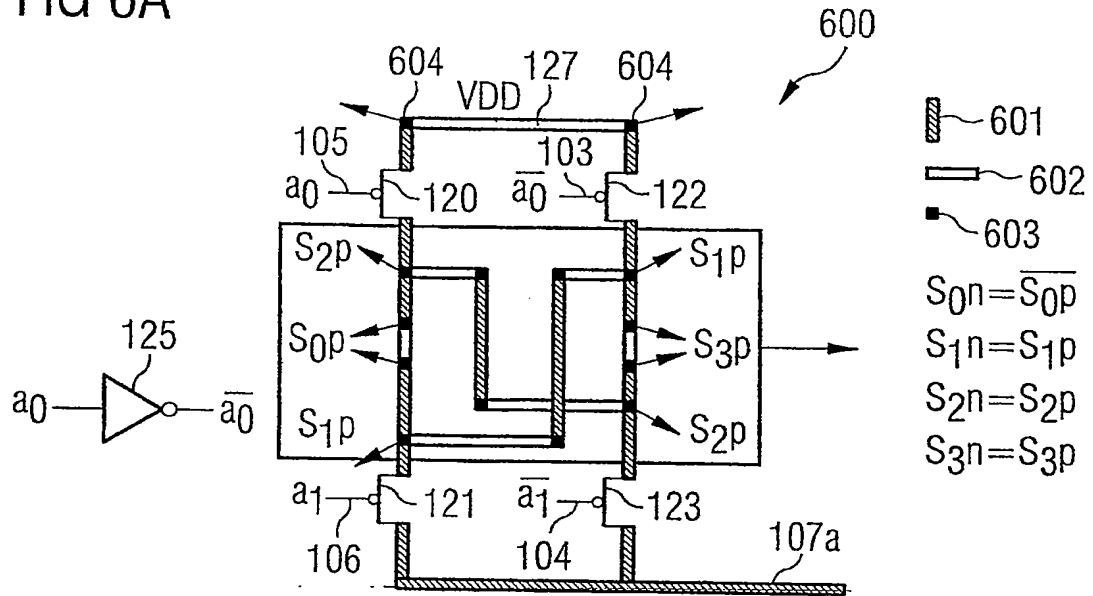


FIG 6B

